

Attorney Docket NO. I/2000.552 US

Please add the following subject heading before the paragraph beginning on page 1, line 7:

--Background of the Invention--

Please add the following subject heading before the paragraph beginning on page 2, line 17:

--Brief Summary of the Invention--

Please add the following subject heading before the paragraph beginning on page 2, line 27:

--Detailed Description of the Invention--

Please replace subject heading on page 16, line 20 with the following:

--Brief Description of the Drawings--

In the Claims

Please amend the claims as follows:

15. (Amended) An attenuated isolated pestivirus mutant having a growth-restricted phenotype relative to a wild-type pestivirus, said mutant, comprising:

one or more mutations of stem loops 1a and/or 1b of the 5' nontranslated region (NTR) of the pestivirus genome, and

wherein the mutated 5' end of the genome conserves the nucleotide sequence 5'-GUAU and expression of a viral poly protein from said genome is under the control of a homologous